The system of timber balanced supply on a multi-level range integrated with demand for wood in different time horizon

Pre-assumptions:

✓ Supply of timber as a natural resource is often unbalanced in time and area. The reasons of this phenomenon are as follows: historical factors, natural disasters, different ownership, changes of management systems and protection restrictions, afforestation/deforestation on large scale, etc.

✓ Demand for timber as an input in a production process in short time period is relatively constant and could vary in longer period of time.

✓ For global bio-economy it is crucial to ensure stable wood flow.

✓ The intensity of harvest should be in accordance with sustainable principles and multi-functional goals.
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Objectives:

✓ Creation of a database of forest resources according to: ownership, management intensity and protection restrictions.

✓ Delimitation of forest functional areas

✓ Recommendation of optimal management practices for functional areas.

✓ Development of a model of balanced timber flow on multi-level scope (local, regional) in different time horizon.

✓ Assessment of added value and promotion of a multi-functional forestry in sustainable development of regions.
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Scientific team:

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Experience:

- Forest management, spatial planning, forest economics, geomatics.
- We are looking for partners from countries with potentially common timber market
- We are open to a new ideas